

(7/13/09)

VPDES TERMINATION Tracking Sheet

Facility Name: New Market STP

County: Shenandoah

Owner: Town of New Market

Permit #: VA00 22853

Permit Writer: Carver

	<u>Date</u>
Termination Request Received (UPDATE CEDS, USE MOST RECENT PP FILE)	8.4.11
If Not Included With Termination Request, Termination Agreement Form Sent To Permittee	—
Termination Agreement Form Received	8.4.11
Site Inspection	NA
Site Inspection Report Verifying That The Permit Is No Longer Necessary <i>permit PC submitted picture</i>	8.4.11
Request Reviewed by Compliance Staff – Outstanding Non-Compliance Issues? Y NO	8.4.11
Request Reviewed by Enforcement Staff – Outstanding Enforcement Issues? Y/N	8.4.11
Confirmation from Burt Tuxford that all permit maintenance fees have been paid	8.4.11
Scan Entire Package After Signature By ^{LMS} or ATO <i>BKF</i>	
QA Scanned Document	
Enter Signature & Other Applicable Dates into CEDS	

Concurrences

Signature	<i>hwc</i>	<i>Burt Tuxford</i>			
Date	8.4.11	8/5/11			



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

VALLEY REGIONAL OFFICE

4411 Early Road, P.O. Box 3000, Harrisonburg, Virginia 22801

(540) 574-7800 Fax (540) 574-7878

www.deq.virginia.gov

Douglas W. Domenech
Secretary of Natural Resources

David K. Paylor
Director

Amy Thatcher Owens
Regional Director

August 5, 2011

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Evan Vass, Town Manager
Town of New Market
PO Box 58
New Market, Virginia 22844

Re: Termination of VPDES Permit No. VA0022853, New Market STP, Shenandoah County

Dear Mr. Vass:

The Department of Environmental Quality has approved the termination of the Permit referenced above. Termination of this permit is effective 30 days from the date of this notification unless you provide an objection in accordance with one of the two paragraphs below.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have thirty days from the date you received this decision within which to appeal this decision by filing a notice of appeal in accordance with the Rules of the Supreme Court of Virginia with the Director, Virginia Department of Environmental Quality.

Alternatively, any owner under §§62.1-44.16, 62.1-44.17 and 62.1-44.19 of the State Water Control Law aggrieved by any action of the State Water Control Board taken without a formal hearing, or by inaction of the Board, may demand, in writing, a formal hearing of such owner's grievance, provided a petition requesting such hearing is filed with the Board. Said petition must meet the requirements set forth in §1.23(b) of the Board's Procedural Rule No. 1.

If you have questions about this permit, please do not hesitate to contact Brandon Kiracofe at (540) 574-7892 or brandon.kiracofe@deq.virginia.gov.

Sincerely,

B. Keith Fowler
Deputy Regional Director

Enclosure

cc: EPA, Region III – 3WP12 (electronic)
L. Ferguson-Davie – VRO
Bill Maddox – VRO (electronic)
FileNet – VA0022853

MEMORANDUM
DEPARTMENT OF ENVIRONMENTAL QUALITY
VALLEY REGIONAL OFFICE

4411 Early Road - P.O. Box 3000

Harrisonburg, VA 22801

SUBJECT: Termination of VPDES Permit No. VA0022853, New Market STP

TO: Brandon Kiracofe, Regional Water Permits Manager

FROM: Bev Carver

DATE: August 4, 2011

COPIES: VRO Permit Processing File

The steps taken in the termination process are indicated below.

- ☒ Termination of the permit was proposed by the permittee, or by the staff, in response to one of the situations listed below (indicate applicable situation).
- ☐ cease of the discharge, operation, or activity
 - ☐ a change in operations or activity at the site
 - ☒ connection of a discharge to a publicly owned or privately owned treatment works
 - ☐ a change to a different type of permit (i.e., individual to general, VPDES to VPA)
- ☒ Verification was made through a site inspection that the permit is no longer necessary.
- ☒ Verification was made that there are no outstanding non-compliance issues.
- ☒ Verification was made that all permit maintenance fees have been paid.
- ☒ The permittee was advised of the right to a hearing by sending the Intent to Terminate form letter and Termination Agreement Form.
- ☒ The Termination Agreement Form, including an original signature, was received from the permittee.

TOWN OF NEW MARKET

9418 JOHN SEVIER ROAD
P.O. Box 58
NEW MARKET, VIRGINIA 22844

August 3, 2011

RECEIVED
DEQ - Valley
AUG 04 2011

Ms. Beverly Carver
Environmental Engineer Senior
Virginia Department of Environmental Quality
Valley Regional Office
P.O. Box 3000
Harrisonburg, VA 22815

To: _____
FILE: _____

Dear Ms. Carver,

I trust that this letter finds you well. On behalf of the Town of New Market, I request that the DEQ withdraw the Town's VDPES permit #VA0022853. I have also enclosed a Termination Agreement Form with this letter.

The Town no longer operates a wastewater treatment facility and therefore will no longer be required to discharge treated effluent into the North Fork of the Shenandoah River through the aforementioned permit. The Town will send all wastewater to the regional treatment facility owned and operated by the Town of Broadway for treatment and eventual discharge under a 30 year contract.

On behalf of the Town of New Market, I thank you for your past years of support, and look forward to continuing a working relationship with you in the future.

Sincerely,



Evan L. Vass
Town Manager

Enclosure

TERMINATION AGREEMENT FORM

SUBJECT: Termination of VPDES Permit No. VA0022853

TO: Department of Environmental Quality
Valley Regional Office
P.O. Box 3000
Harrisonburg, VA 22801

OWNER: Town of New Market
P.O. Box 58
New Market, VA 22844

RECEIVED
DEQ-Valley
AUG 04 2011

To: _____
FILE: _____

Reason for Termination:

I hereby agree to the termination of VPDES Permit No. VA0022853 and waive my right to a hearing in accordance with Section § 62.1-44.15(5b) of the State Water Control Law for the following reason(s):

Check all applicable reasons

- ☒ cease of the discharge, operation, or activity
☐ a change in operations or activity at the site
☐ connection of a discharge to a publicly owned or privately owned treatment works
☐ a change to a different type of permit (i.e., individual to general, VPDES to VPA)

I certify that the permit is not subject to a pending state or federal enforcement action, including citizen suits, brought under state or federal law.

SIGNED: _____

PRINTED NAME: _____

TITLE: _____

DATE: _____

[Signature]

EVAN L. VASS

Town Manager

8/03/11

Carver, Beverley (DEQ)

From: Evan Vass [townmanager@newmarketvirginia.com]
Sent: Thursday, August 04, 2011 2:21 PM
To: Carver, Beverley (DEQ)
Subject: [WARNING - NOT VIRUS SCANNED]termination
Attachments: Permit Termination.ppt

Bev, the attached powerpoint presentation has a few photos of the former STP structures. All decommissioning activity was completed in compliance with the termination plans as previously approved.

Evan



Decommissioned Splitter Box



North Oxidation Ditch



Decommissioned Headworks



Former site of the equalization basin



Decommissioned Clarifier



Decommissioned outfall

Carver, Beverley (DEQ)

From: Carver, Beverley (DEQ)
Sent: Thursday, August 04, 2011 11:12 AM
To: Evan Vass (townmanager@newmarketvirginia.com)
Subject: Final Closure Report for New Market STP - VA0022853
Attachments: New Market STP Closure Plan.pdf

Hi Evan,

Attached is the Closure Plan approval for the New Market STP. If you look at number 4 on page 5 under Staff Recommendations, you will see that the Closure Plan requires a final closure report be submitted. You can just send me an email with some attached photos stating that the Closure Plan was completed in accordance with the approved plan.

I will need this documentation in order to process your VPDES Permit termination.

If you have any questions, let me know.

Bev

Beverley W. Carver
Environmental Engineer Senior
Department of Environmental Quality
Valley Regional Office
4411 Early Road
P.O. Box 3000
Harrisonburg, Virginia 22801
Phone: (540) 574-7805
Fax: (540) 574-7878
email: Beverley.Carver@deq.virginia.gov **NEW**

Carver, Beverley (DEQ)

From: Tuxford, Burton (DEQ)
Sent: Thursday, August 04, 2011 7:36 AM
To: Carver, Beverley (DEQ)
Subject: RE: New Market STP - VA0022853 - Termination Request and Annual Maintenance Fee

That would be fine, but since the billing runs have already been made, I will need to ask Finance to pull that invoice.

Burt Tuxford
VA DEQ, OWPCA
629 E. Main St.
Richmond, VA 23219
804/698-4086
FAX 804/698-4032
burton.tuxford@deq.virginia.gov

From: Carver, Beverley (DEQ)
Sent: Wednesday, August 03, 2011 2:25 PM
To: Tuxford, Burton (DEQ)
Subject: New Market STP - VA0022853 - Termination Request and Annual Maintenance Fee

Hi Burt,

The New Market STP connected their discharge to the Broadway Regional WWTF (VA0090263) in December 2010. They have been reporting no discharge on their DMRs. The pump station is working fine and they are ready to formally terminate the permit. The termination form will be submitted this week.

The question I have is if I can get the termination processed immediately, would they be eligible for not having to pay the annual permit maintenance fee?

Bev

Beverley W. Carver
Environmental Engineer Senior
Department of Environmental Quality
Valley Regional Office
4411 Early Road
P.O. Box 3000
Harrisonburg, Virginia 22801
Phone: (540) 574-7805
Fax: (540) 574-7878

email: Beverley.Carver@deq.virginia.gov **NEW**

Carver, Beverley (DEQ)

From: Kiracofe, Brandon (DEQ)
Sent: Thursday, April 07, 2011 10:02 AM
To: townmanager@newmarketvirginia.com
Cc: william.johnson@ghd.com; Knicely, David (DEQ); Carver, Beverley (DEQ)
Subject: O&M Manual Approval - North Fork Pump Station
Attachments: O&M Manual Approval - North Fork Pump Station.pdf

Mr. Vass,
The O&M Manual Approval for the North Fork Pump Station is attached. A hard copy is not being sent. Please let me know if you have any questions.

Sincerely,
Brandon Kiracofe

Brandon D. Kiracofe
Water Permits Manager
DEQ - Valley Regional Office
P.O. Box 3000
Harrisonburg, VA 22801
(540) 574-7892
(540) 574-7878 (fax)
brandon.kiracofe@deq.virginia.gov

added to file net ✓

Virginia Department of Environmental Quality
APPLICATION for OPERATIONS & MAINTENANCE (O&M) MANUAL APPROVAL
For Municipal / Domestic Sewage Treatment Systems

Title: (as it appears on the O&M Manual) North Fork Pump Station O&M Manual
Date on Cover: March 2011
Facility Name: North Fork Force Main and Pump Station
VPDES Permit No: NA
Permittee: Town of New Market
Contact Name & Title: Evan L. Vass, Town Manager
Address: P.O. Box 58 New Market, VA 22844
Phone: 540-740-3432
Email: townmanager@newmarketvirginia.com

Please check the appropriate box:

- ☒ The complete O&M Manual is attached and should replace the version of the O&M Manual currently on file at DEQ.
- ☐ Revisions to the O&M Manual are attached and should be included in the version of the O&M Manual currently on file at DEQ.

.....
The following must be signed by a person described in 9VAC25-31-110.A or by a duly authorized representative of that person:

The O&M Manual adheres to the general criteria and minimum standards of the Sewage Collection and Treatment Regulations (9 VAC 25-790), meets the requirements specified in the VPDES permit, and provides adequate guidance for the O&M of the treatment facility to maintain compliance with the VPDES permit.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Evan L. Vass
Name

Town Manager
Title


Signature

4-7-11
Date

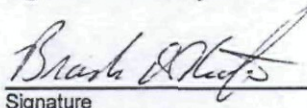
.....
For DEQ use only:

The O&M Manual for the permitted facility referenced above is approved. The DEQ approval does not relieve you of your responsibility to:

1. operate the facility in a manner to consistently meet the facility's performance requirements,
2. correct design and/or operation deficiencies, or
3. comply with all other applicable laws and regulations.

Please contact the DEQ-Valley Regional Office if you have any questions.

Brandon D. Kracoff
Name


Signature

4/7/11
Date

Department of Environmental Quality Authorized Representative

Carver, Beverley (DEQ)

From: Evan Vass [townmanager@newmarketvirginia.com]
Sent: Thursday, April 07, 2011 8:34 AM
To: Carver, Beverley (DEQ)
Cc: William.Johnson@ghd.com
Subject: O&M manual application
Attachments: Scanned Document-6.pdf

Bev, greetings from New Market. Attached please find the application for review. I will not send a hard copy unless you request me to do so.

Thanks and let me know if you need anything else.

Evan



RECEIVED
DEQ - Valley
MAR 31 2011

LETTER OF TRANSMITTAL

March 30, 2011

To: _____
FILE: _____

To Virginia Department of Environmental Quality File no. 861229901
81167.50

Attention Brandon Kiracofe

Address 4411 Early Rd.
Harrisonburg, VA

Re North Fork Pump Station & Force Main
New Market, VA

We are sending you the following items: ☒ Attached ☐ Under separate cover

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of Letter ☐ Change Order ☐ Invoices ☒ Other

rec'd a CD

Copies	Date	No.	Description
1	March, 2011		CD - North Fork Pump Station Operation & Maintenance Manual
1			Sewage Pump Station O&M Manual Review Checklist - North Fork Pump Station

These are transmitted:

☒ For Review ☐ Approved as submitted ☐ Resubmit _____ copies for approval

☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☐ As requested ☐ Returned ☐ Return _____ corrected prints

☐ For Signature ☐ For bids due ☐ For review and remittance

Remarks:

cc: File

Signed: _____

Matt Wimmer

If enclosures are not as noted, kindly notify us at once.

RECEIVED

DEQ - Valley

MAR 31 2011

To: _____

FILE: _____

Sewage Pump Station O&M Manual Review Checklist

PROJECT NAME: NORTH FORK PUMP STATION & FORCE MAIN City/County NEW MARKETSubmitted by: TOWN OF NEW MARKET Receiving STP: BROADWAY REGIONAL WASTEWATER TREATMENT FACILITY

- ☒ Title Page
- ☒ Table of Contents
- ☒ Introduction (including location map, service area map, owner and facility name, address and phone number, and purpose of manual)
- ☒ Description of Facility (including pump rating and average daily flow)
- ☒ Shop Drawings & Manufacturers Literature
 - ☒ Pumps - incl. Model #, pump curves
 - ☒ Motors
 - ☒ Dialers & Alarms
 - ☒ Diesel Generators
 - ☒ Hoists/Lift-out Rails, etc.
 - ☒ Spare parts list
 - ☒ Controls
 - ☒ Special Valves
 - ☒ N/A Odor Control Systems
 - ☒ Spare Pump
- ☒ Recommendation for planning and scheduling of routine maintenance tasks to be performed on daily, weekly, monthly, or annual basis, as needed.
- ☒ Troubleshooting
- ☒ Lubricants (N/A for submersibles)
- ☒ List of local equipment suppliers and outside service/repair contracts
- ☒ Emergency (in the event of power or pump station failure) and start-up procedures
- ☒ Emergency phone numbers
- ☒ Description of safety hazards involved with the operation of the facility which includes potential dangers from electricity, mechanical equipment, poisonous gases, explosions/fires, bacterial infections, oxygen deficiency/noxious gases in enclosed spaces.
- ☒ Confined space entry program
- ☒ Screens, comminutors, etc
- ☒ Reporting procedures for spills and overflows
- ☒ N/A Maintenance agreement
- ☒ Space for the certificate to operate

Reviewer: _____

Date: _____

Carver, Beverley (DEQ)

From: William.Johnson@ghd.com
Sent: Wednesday, March 16, 2011 9:44 PM
To: Carver, Beverley (DEQ); Kiracofe, Brandon (DEQ)
Cc: Knicely, David (DEQ); Matt.Wimmer@ghd.com; Evan Vass; MIKE RITCHIE; Johnny Griggs; Gary.Rookstool@ghd.com
Subject: NFPS update

Hi Bev and Brandon,

As discussed several months ago, the following update is offered to keep you guys in the communication loop. As you know, the Town of New Market ceased to discharge from the WWTP before January 1, 2011. The "bypass" pumping system provided by the Contractor while the NFPS construction was being completed has delivered sewage to the Broadway facility for several weeks since the end of December. Yesterday, the North Fork Pump Station and Force Main began operations for the purpose of startup and initial testing. The "bypass" pumping system will remain in place onsite for several days as a backup while the new pump station is exercised, tested, and allowed to pump sewage to Broadway. Initial results are excellent and the pump station is performing well so far. We will keep you updated as things progress.

Thanks,
Wm

Please note my new direct (T) telephone number.

William P. Johnson II
Regional Office Manager

GHD

T: 540-339-3504 | V: 863504 | F: 540-339-3501 | E: william.johnson@ghd.com
310 First Street SW Suite 405 Roanoke VA 24011 USA | www.ghd.com
[WATER](#) | [ENERGY & RESOURCES](#) | [ENVIRONMENT](#) | [PROPERTY & BUILDINGS](#) | [TRANSPORTATION](#)

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This e-mail has been scanned for viruses by MessageLabs.

TRACKING/CONCURRENCE PAGE (PW - LEAD)

MUNICIPAL/INDUSTRIAL PERMIT REQUIRED DOCUMENTS

(PLANS & SPECIFICATIONS, O & M MANUALS, SOLIDS MANAGEMENT PLANS, CLOSURE PLANS, ETC)

*Document: Facility Closure Plan for NewMarket STPPermit No. VA0022853Permit Writer B. Cower

	Date(s)
Document recv'd for approval	07/14/2009
Submittal rec'd by PW	07/14/2009
Inspector notified of submittal	07/20/2009, 8/1/09
CEDS and tracking spreadsheet updated	07/15/2009
Add'l info requested	07/21/2009, 08/13/09
Any add'l info recv'd	8/11/2009, 8/18/09
Routed through Inspector	07/20/2009, 8/11/09, 8/19/09
Returned by Inspector	07/21/2009, 8/11/09, 8/19/09
Approved & given to Secretary for mailing	
CEDS and tracking spreadsheet updated LWA	
Explanation for missing deadline:	

Notes:

1. Route document and any corresponding addenda/revisions through Inspector using
U:\HRSBG\COMMON\WATER PERMITS\VALUE\ENG\INSPECTOR CONCURRENCE MEMO
2. Send comment/approval email/letter within 14 days of receiving the submittal. Send approval letter within time period indicated in the 14-day comment email/letter and no more than 90 days from receiving the complete submittal. If any review is expected to take (or actually takes) > 30 days following a complete submittal, inform Keith as soon as this is realized so that workload reassignments can be discussed if necessary.
3. Include addresses in approval package for any copy recipients of approval letter.
4. File document as follows:
O&M MANUAL - LIBRARY (WHERE POSSIBLE REMOVE OUTDATED INFORMATION)
SMP w/ LAND APPLICATION - SMP FOLDER IN LIBRARY
SMP w/out LAND APPLICATION - PLACE W/ THE PERMIT APPLICATION IN THE PP FOLDER
ALL OTHERS - CR FILE

CONCURRENCES				
Signature ==>	<u>B. Cower</u>	<u>Keith D. Hef</u>		
Date =====>	<u>8-12-09</u>	<u>8/28/09</u>		

8-19-09



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

VALLEY REGIONAL OFFICE

L. Preston Bryant, Jr.
Secretary of Natural Resources

4411 Early Road, P.O. Box 3000, Harrisonburg, Virginia 22801
(540) 574-7800 Fax (540) 574-7878
www.deq.virginia.gov

David K. Paylor
Director

Amy Thatcher Owens
Regional Director

August 28, 2009

Mr. Chris Boies, Town Manager
Town of New Market
PO Box 58
New Market, Virginia 22844

Re: Facility Closure Plan – New Market STP, VPDES Permit No. VA0022853

Dear Mr. Boies:

This Department has received the referenced Facility Closure Plan, as prepared by Stearns & Wheeler, LLC. The plan, entitled Facility Closure Plan – New Market STP, is dated August 2009. The plan outlines steps that will be taken to close the treatment facility and properly reclaim the land following connection to the Town of Broadway Regional WWTF.

This Facility Closure Plan is approved with the following conditions:

1. Any deviations from this Facility Closure Plan must be submitted to DEQ for review and approval prior to implementing the change;
2. Sand that will be left in place in the Sludge Drying Beds must be disinfected with enough chlorine to have a slight residual at the end of a 24-hour period;
3. The chlorinated water from the disinfection of the Sludge Drying Beds must be dechlorinated prior to being discharged; and
4. A final closure report must be submitted following completion of the facility closure, including photos of the completed work and a certification that the closure was performed and completed in accordance with the approved Facility Closure Plan.

This action is in accordance with a memorandum dated August 28, 2009, a copy of which is enclosed for your information.

SCANNED

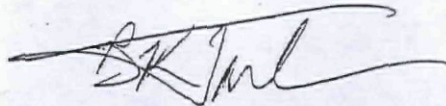
AUG 31 2009

Date: _____
Initials: 209

You are expected to conduct the closure operations in accordance with this approved Facility Closure Plan, and any other applicable laws and regulations. For example, land disturbance of a total of one or more acres may require review or approval under other federal, State, or local programs. Also, any closure activity potentially impacting surface waters or wetlands may require permit authorization from the U.S. Army Corps of Engineers and/or DEQ. Please contact me at (540) 574-7812 or via e-mail at keith.fowler@deq.virginia.gov to find out more about these additional permit requirements.

If you have any questions, or must alter the approved Facility Closure Plan, please contact Bev Carver of our office at (540) 574-7805 or beverley.carver@deq.virginia.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Keith Fowler", with a stylized flourish extending from the end.

B. Keith Fowler
Regional Water Permits Manager

cc: Melissa T. Cook, Stearns & Wheeler (via email)
Marcia J. Degen, DEQ (via email)
Filenet - VA0022853
Correspondence File

MEMORANDUM
DEPARTMENT OF ENVIRONMENTAL QUALITY
VALLEY REGIONAL OFFICE

4411 Early Rd., P.O. Box 3000

Harrisonburg, VA 22801

SUBJECT: Facility Closure Plan – New Market STP, Permit No. VA0022853

TO: B. Keith Fowler, Regional Water Permits Manager

FROM: Bev Carver *BW Carver*

DATE: August 28, 2009

COPIES: Correspondence File

Project Name: Facility Closure Plan – Town of New Market STP

Project Owner: Town of New Market

Project Scope: The New Market STP Facility Closure Plan was originally received on July 14, 2009, and revisions were received on August 11, 2009, and August 18, 2009. The Facility Closure Plan proposes to either remove or clean and leave in place the existing New Market STP facilities. The New Market STP site will remain in use as the municipal sewage pump station site and a location for public works functions for the Town of New Market.

Previous Agency
Action:

On June 8, 2009 a Certificate to Construct (CTC) was approved for the Town of New Market to construct a pump station located within the existing STP site and a 16-inch 4.3 mile force main along the Route 211 corridor capable of conveying an average flow of 1 MGD and a peak flow of 4 MGD of wastewater to the Town of Broadway Regional WWTF (VA0090263).

It is anticipated that a Certificate to Operate (CTO) for the 2.923 MGD Town of Broadway Regional WWTF will be issued in late 2010. Once the CTO is issued, the Town of New Market will be able to complete the closure by connecting their discharge to the Broadway Regional WWTF.

Staff Comments: The permittee has certified that the proposed Facility Closure Plan meets the requirements included in 9 VAC 25-790-120.E.3., DEQ Guidance Memo No. 05-2005, and the facility's VPDES Permit No. VA0022853.

The staff has no objections to the procedures specified in the subject Facility Closure Plan dated August 2009.

STAFF RECOMMENDATIONS:

The staff recommends that the Facility Closure Plan be approved subject to the following conditions:

1. Any deviations from this Facility Closure Plan must be submitted to DEQ for review and approval prior to implementing the change;
2. Sand that will be left in place in the Sludge Drying Beds must be disinfected with enough chlorine to have a slight residual at the end of a 24-hour period;
3. The chlorinated water from the disinfection of the Sludge Drying Beds must be dechlorinated prior to being discharged; and
4. A final closure report must be submitted following completion of the facility closure, including photos of the completed work and a certification that the closure was performed and completed in accordance with the approved Facility Closure Plan.

FACILITY CLOSURE PLAN

NEW MARKET STP

VPDES PERMIT #: VA0022853

AUGUST 2009

CONTENTS

Facility Closure Plan (3 pages)

Drawing Sheet C-2

Drawing Sheet C-3

Drawing Sheet C-5

Prepared by:
Stearns & Wheeler, LLC
310 First Street, SW
Suite 405
Roanoke, VA 24011
Job No. 81167

FACILITY CLOSURE PLAN

Facility Name: New Market STP

VPDES Permit #: VA0022853

August 2009

Overview

The Town of New Market's existing wastewater treatment plant (WWTP) is located at 389 Academy Road in Shenandoah County, Virginia. The existing WWTP was unable to reliably meet the Waste Load Allocation (WLA) from the Virginia Department of Environmental Quality and needed to be upgraded or replaced. Rather than upgrade their existing WWTP, the Town of New Market reached an Agreement with the Town of Broadway in August 2008 to deliver up to an annual average of 1 MGD of wastewater to the Broadway Regional Wastewater Treatment Facility (BRWTF) for a period of no less than 35 years.

The Town is constructing a pump station located within the existing WWTP site and a 16-inch 4.3 mile force main along the Route 211 corridor capable of sending an average flow of 1 MGD and a peak flow of 4 MGD of wastewater to the BRWTF. The wastewater will be treated and discharged by the BRWTF.

The Town of New Market understands that the Town of Broadway (VPDES Permit No. VA0090263) has a certificate to operate at 1.923 MGD. The Town of Broadway may have to obtain a Certificate to Operate (CTO) for the 2.923 MGD BRWTF before the Town of New Market can connect to the facility. It is anticipated that the CTO for the 2.923 MGD BRWTF will be issued in late 2010, after which the Town of New Market will complete the closure.

The existing New Market STP facilities will either be removed or cleaned and left in place. The site will remain in use as the municipal sewage pump station site and a location for public works functions for the Town of New Market. The proposed Closure Plan is in general conformance with our understanding of the intent of relevant portions of 9 VAC 25-790-120.E.3., DEQ Guidance Memo No. 05-2005, and the facility's VPDES Permit No. VA0022853.

Residual Wastewater and Solids Treatment, Removal, and Final Disposition

Residual wastewater will be drained from the WWTP and conveyed via the proposed pump station and 16 inch force main to the BRWTF for treatment and disposal.

Residual solids will be dewatered at the existing sludge drying beds. The underdrain will be drained via the plant drain pump station to the proposed pump station and 16 inch force main to the BRWTF for treatment and disposal. The sludge will be disposed in accordance with the current sludge management plan and "Operation & Maintenance Manual for the Town of New Market Wastewater Treatment Plant".

FACILITY CLOSURE PLAN

Facility Name: New Market STP

VPDES Permit #: VA0022853

August 2009

Removal of Structures, Equipment, Piping, and Appurtenances

Once removed from operation, all equipment, structures, tanks, and piping that have been in contact with sewage shall be drained or dewatered, and cleaned by spraying/flushing with non-potable water. The facilities will either remain in place or be demolished as outlined in Table 1. All demolished materials shall be completely removed from the site and properly disposed of in accordance with applicable laws and regulations.

Table 1 – Proposed Actions for WWTP Structures, Equipment, Piping, & Appurtenances

WWTP Structures, Equipment, Piping, & Appurtenances	Proposed Action
Aerobic Digester	Dewater, clean, and leave in place.
Composting Facility	Leave in place for equipment storage.
Control Building	Leave in place.
Effluent Structure	Drain, clean, and leave in place.
Emergency Generator	Relocate to the Campbell PS site.
Equalization Basin	Remove and dispose of aeration piping and discharge pump, including all mounting hardware, electrical conduits and wiring. Break or puncture bottom of equalization basin. Collapse basin structure by pushing walls and upper structure into basins to 2 feet below grade and backfill with suitable material from the North Fork Pump Station excavation, compact, and rough grade. The area will be finish graded and seeded.
Equalization Weir Box	Drain, clean, and leave in place. Plug and abandon pipeline to equalization basin.
Headworks	Drain, clean, and leave in place. Remove and dispose of mechanical equipment.
Mechanical Building	Leave in place for use as a maintenance facility. Remove and dispose of chemical feed equipment.
Non-Potable Water (NPW) Pump Station	Drain, clean, and leave in place. Disconnect NPW piping from pumps and cap line.
Oxidation Ditches	Drain, clean, and leave in place. Remove and dispose of aerators and appurtenances.
Plant Drain Pump Station	Connect to new sewer by extending existing force main. Disconnect force main from splitter box and plug line.
Secondary Clarifier	Drain, clean, and leave in place.
Sludge Drying Beds	Leave in place. Sand will be left in drying beds and treated by flooding with a 100 to 200 ppm chlorine solution for 24 hours.
Ultraviolet Building	Drain, clean, and leave in place. Plug outfall pipeline to effluent structure with 2' concrete plug.

Drainage of Structures Left in Place

All treatment structures left in place, that are not covered, will be drained by the plant drain pump station so that stormwater does not collect.

FACILITY CLOSURE PLAN

Facility Name: New Market STP

VPDES Permit #: VA0022853

August 2009

Site Grading and Erosion and Sediment Control

The site will be graded to drain such that ponding of water will be prevented. Erosion and sediment control practices will be implemented in accordance with the current Virginia Erosion and Sediment Control Handbook.

Restoration of Site Vegetation and Access Control

Where structures have been demolished, the site will be graded and grass established, mowed, and maintained. Site vegetation will be preserved and reestablished if damaged during construction or demolition. The perimeter fence and other access controls will remain after demolition.

Proposed Land Use (Post-Closure) of Site

The WWTP site will remain in use by the Town of New Market as the site for the municipal sewage pump station and public works functions.

MEMORANDUM
DEPARTMENT OF ENVIRONMENTAL QUALITY
Valley Regional Office

4411 Early Rd.

P.O. Box 3000

Harrisonburg, VA 22801

SUBJECT: Termination of VPDES Permit No. VA0022853, New Market STP

TO: 1) VRO – Inspector – Lisa Kelly
2) Linda Ferguson-Davie (VRO – Compliance)
3) Steve Hetrick (VRO – Enforcement)

FROM: Bev Carver

DATE: August 4, 2011

New Market STP has requested that VPDES Permit No. VA0022853 be terminated because the discharge from the facility was connected to the Town of Broadway Regional WWTF in December 2010. The purpose of this memo is to verify that there are no compliance or enforcement issues that need to be resolved prior to the permit being terminated.

Inspector Comments:

None

Lisa M. Kelly
Sign, Date, and Forward

Compliance Comments: (Check applicable box and provide written comments)

Are there any outstanding non-compliance issues that need to be resolved prior to the permit being terminated?

☐ Yes ☒ No

Linda Ferguson-Davie 8/4/2011
Sign, Date, and Forward

Enforcement Comments: (Circle applicable box and/or provide written comments)

Are there any outstanding enforcement issues that need to be resolved prior to the permit being terminated?

☒ Yes ☒ No

Steve Hetrick
Sign, Date, and Return to PW

Carver, Beverley (DEQ)

From: Tuxford, Burton (DEQ)
Sent: Thursday, August 04, 2011 2:11 PM
To: Newcomb, Judy (DEQ)
Cc: Kiracofe, Brandon (DEQ); Carver, Beverley (DEQ); Cunningham, Frederick (DEQ)
Subject: VPDES Annual Fee Change Form - VA0022853 (New Market STP)
Attachments: VRO-Change-2011-1.pdf

Judy,

Attached is the AMF Change Form to remove VA0022853 (New Market STP) from the 2011 billing list.

Any questions, please let me know.

Burt

Burt Tuxford
VA DEQ, OWPCA
629 E. Main St.
Richmond, VA 23219
804/698-4086
FAX 804/698-4032
burton.tuxford@deq.virginia.gov

From: Kiracofe, Brandon (DEQ)
Sent: Thursday, August 04, 2011 1:43 PM
To: Tuxford, Burton (DEQ)
Cc: Newcomb, Judy (DEQ); Carver, Beverley (DEQ)
Subject: VPDES/VPA Annual Permit Maintenance Fee Change Form - New Market STP

Burt,

The VPDES/VPA Annual Permit Maintenance Fee Change Form for New Market STP is attached. Let me know if you have any questions. Thanks.

Brandon

Brandon D. Kiracofe
Water Permits Manager
DEQ - Valley Regional Office
P.O. Box 3000
Harrisonburg, VA 22801
(540) 574-7892
(540) 574-7878 (fax)
brandon.kiracofe@deq.virginia.gov

DEPARTMENT OF ENVIRONMENTAL QUALITY**VPDES/VPA Annual Permit Maintenance Fee Change Form**Date: 08/04/11

Permit Number: VA0022853 Invoice Number: _____
Facility Name: New Market STP
Billing Address: PO Box 58
New Market, Virginia 22844
Contact Person: Evan Vass Phone: 540-740-3432
Billing Year: 2011
Billed Amount: \$ 2,473.00

ACTION: (Fill In All that Apply)

- a.
- ☐
- Change Annual Fee Category and/or Annual Fee Amount**

Old CategoryOld Fee AmountNew CategoryNew Fee Amount

- b.
- ☐
- Toxics Management Program**

☐ Add TMP to invoice

(+ \$1000)

☐ Delete TMP from invoice

(- \$1000)

- c.
- ☐
- More Than 5 Process Wastewater Outfalls**

☐ Add More Than 5 Process Outfalls to invoice

(+ \$1000)

☐ Delete More Than 5 Process Outfalls from invoice

(- \$1000)

Corrected Total Invoice Amount: \$ _____

- d.
- ☐
- Refund This Amount**
- (Explain Below)

\$ _____

- e.
- ☒
- Remove from Billing List for Billing Year**
- 2011
- (Explain Below)

- f.
- ☐
- Other Changes**
- (Explain Below)

EXPLAIN ALL CHANGES/ACTIONS:

In December 2010, wastewater discharged to the New Market STP was directed to the Town of Broadway Regional WWTF (VA0090263). The Town of New Market submitted a Closure Plan for the New Market STP. The Town of New Market has been submitting Discharge Monitoring Reports (DMRs) since January 2011 indicated "No Discharge". The Town submitted a request to terminate VPDES Permit No. VA0022853 for New Market STP on August 3, 2011.

Signature: _____

Regional Office Representative

Date: August 4, 2011**OWPCA ACTION:**☒ Approved☐ Denied

Signature: _____

Date: 08/04/2011

Carver, Beverley (DEQ)

From: Newcomb, Judy (DEQ)
Sent: Thursday, August 04, 2011 11:54 AM
To: Tuxford, Burton (DEQ); Carver, Beverley (DEQ)
Cc: Woods, Carla (DEQ); Boone, Leslie (DEQ)
Subject: RE: New Market STP - VA0022853 - Termination Request and Annual Maintenance Fee

The invoice has been processed – please send us a fee adjustment form to remove.

Leslie – please pull this package so it is not mailed. Thank you

Judy Newcomb
OFM-DEQ
(804) 698-4162 (Telephone)
(804) 698-4178 (Fax)
JUDITH.NEWCOMB@DEQ.VIRGINIA.GOV

From: Tuxford, Burton (DEQ)
Sent: Thursday, August 04, 2011 8:46 AM
To: Newcomb, Judy (DEQ)
Subject: FW: New Market STP - VA0022853 - Termination Request and Annual Maintenance Fee

Judy,

The Valley Region is in the process of terminating this permit (see below).

We have already loaded the billing data into CEDS, so there is no way to change this now on our end.

Is there a way on your end to not invoice this facility?

Burt

Burt Tuxford
VA DEQ, OWPCA
629 E. Main St.
Richmond, VA 23219
804/698-4086
FAX 804/698-4032
burton.tuxford@deq.virginia.gov

From: Tuxford, Burton (DEQ)
Sent: Thursday, August 04, 2011 7:36 AM
To: Carver, Beverley (DEQ)
Subject: RE: New Market STP - VA0022853 - Termination Request and Annual Maintenance Fee

That would be fine, but since the billing runs have already been made, I will need to ask Finance to pull that invoice.

Burt Tuxford
VA DEQ, OWPCA
629 E. Main St.
Richmond, VA 23219
804/698-4086
FAX 804/698-4032
burton.tuxford@deq.virginia.gov

From: Carver, Beverley (DEQ)

Sent: Wednesday, August 03, 2011 2:25 PM

To: Tuxford, Burton (DEQ)

Subject: New Market STP - VA0022853 - Termination Request and Annual Maintenance Fee

Hi Burt,

The New Market STP connected their discharge to the Broadway Regional WWTF (VA0090263) in December 2010. They have been reporting no discharge on their DMRs. The pump station is working fine and they are ready to formally terminate the permit. The termination form will be submitted this week.

The question I have is if I can get the termination processed immediately, would they be eligible for not having to pay the annual permit maintenance fee?

Bev

Beverley W. Carver
Environmental Engineer Senior
Department of Environmental Quality
Valley Regional Office
4411 Early Road
P.O. Box 3000
Harrisonburg, Virginia 22801
Phone: (540) 574-7805
Fax: (540) 574-7878

email: Beverley.Carver@deq.virginia.gov **NEW**